

Appl. No. 09/903,365
Amtd. Dated September 23, 2004
Reply to Office action of June 24, 2004
Attorney Docket No. P13691-US2
EUS/J/P/04-2123

Amendments to the Claims:

This listing of claims replaces all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method of facilitating charging for communication in a telecommunication network having a control-plane entity and a user-plane entity, comprising the steps of:

 sending, from the control-plane entity to the user-plane entity, an event in accordance with a media gateway control protocol, wherein the event orders the user-plane entity to notify the control-plane entity when a predetermined volume of communication has occurred;

 determining, by the user-plane entity, whether the predetermined volume of communication has occurred; and

 notifying the control-plane entity when the predetermined volume of communication has occurred;

wherein the user-plane entity notifies the control-plane entity by sending a notify command in accordance with the media gateway control protocol, and the notify command includes a parameter identifying the communication.

2. (Original) The method of claim 1, wherein the predetermined volume of communication is a predetermined number of octets.

3. (Cancelled).

4. (Original) The method of claim 1, wherein the volume of communication is selected such that signaling between the control-plane and user-plane entities is controlled.

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5. (Original) The method of claim 1, wherein the telecommunication network is a GPRS network that includes a GPRS support node that is split into the control-plane and user-plane entities.

6. (Original) The method of claim 1, wherein the event orders the user-plane entity to notify the control-plane entity when at least one of a predetermined volume of communication has occurred and a predetermined time period of communication has elapsed.

7. (Original) The method of claim 1, wherein the telecommunication network is a circuit-switched network using packet bearers and having a node that is split into the control-plane and user-plane entities, and the predetermined volume of communication is one of a predetermined number of octets and a predetermined number of packets.

8. (Original) The method of claim 7, wherein the event orders the user-plane entity to notify the control-plane entity when at least one of a predetermined volume of communication has occurred and a predetermined time period of communication has elapsed.

9. (Currently Amended) A method of facilitating charging for communication in a telecommunication network having a control-plane entity and a user-plane entity, comprising the steps of:

pre-provisioning, in the user-plane entity, an event in accordance with a media gateway control protocol, wherein the event orders the user-plane entity to notify the control-plane entity when a predetermined volume of communication has occurred;

determining, by the user-plane entity, whether the predetermined volume of communication has occurred; and

notifying the control-plane entity when the predetermined volume of communication has occurred;

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wherein the user-plane entity notifies the control-plane entity by sending a notify command in accordance with the media gateway control protocol, and the notify command includes a parameter identifying the communication.

10. (Original) The method of claim 9, wherein the predetermined volume of communication is a predetermined number of octets.

11. (Cancelled).

12. (Original) The method of claim 9, wherein the volume of communication is selected such that signaling between the control-plane and user-plane entities is controlled.

13. (Original) The method of claim 9, wherein the telecommunication network is a GPRS network that includes a GPRS support node that is split into the control-plane and user-plane entities.

14. (Original) The method of claim 9, wherein the event orders the user-plane entity to notify the control-plane entity when at least one of a predetermined volume of communication has occurred and a predetermined time period of communication has elapsed.

15. (Original) The method of claim 9, wherein the telecommunication network is a circuit-switched network using packet bearers and having a node that is split into the control-plane and user-plane entities, and the predetermined volume of communication is one of a predetermined number of octets and a predetermined number of packets.

16. (Original) The method of claim 15, wherein the event orders the user-plane entity to notify the control-plane entity when at least one of a predetermined

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volume of communication has occurred and a predetermined time period of communication has elapsed.